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12-26-02
Witcher #4
GP-2664

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: William D. Gentry
Serial No. 09/280,152
Filed: 03/26/1999

Examiner: Harper, Kevin C
Art Unit: 2664

For: **SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR
CONNECTIVITY OF WIRELESS BASE STATION TO PSTN VIA AN IP DATA
NETWORK**

Commissioner for Patents
Washington, D.C. 20231

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DEC 17 2002

Technology Center 2600

Sir:

RESPONSE TO THE OFFICE ACTION MAILED 10 SEPTEMBER 2002

In response to the office action mailed 10 September 2002, Applicant submits the following amendments and remarks. If any fees are required in association with this response, the Director is hereby authorized to charge them to Deposit Account 50-1732, and consider this a petition therefor.

In the specification:

Please replace the paragraph beginning on page 11, line 15, with the following rewritten paragraph:

-- Base station controller gateway (BGW) **200** is a node that serves as the gateway between an existing base station controller (BCS) **210** and *IP* network **100**. Base station controller gateway **200** provides T1 voice and call control ports to the base station controller **210** as well as *IP* ports to *IP* network **100**. Base station controller gateway **200** is responsible for providing clients that support interworking between the A-interface signaling protocols (e.g., *IS-634* for *CDMA*) from base station controller **210** and the *IP* network protocol (e.g., *H.323*, *H.225*, *H.245*, *SIP*, *MGCP*) **100**. Base station controller gateway **200** communicates with [the] a mobility gatekeeper (GK) **500** for zone management purposes including, but not limited to, authentication, registration mobility services, and handoffs. Base station controller gateway **200** is also responsible for implementing speech vocoding algorithms (e.g., *G.711*, *G.723*, *G.729*, et al.) into *IP* network **100** and potentially maintains visitor location register (VLR) information for mobiles **220** served by base station controller **210**. Lastly, base station controller gateway **200**

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